

Personal Systems Reference Lenovo IdeaCentre Desktops

October 2010 - Version 387



IdeaCentre K300



IdeaCentre B300

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ³	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Availability date
57-078915	4x5	Celeron E1200	1.60	512KB	2	2GB	16-in-1	320GB ²	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-078894	4x5	Pentium E2140	1.60	1MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-076245	4x5	Pentium E2180	2.00	1MB	2	1GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod			Home Basic	May 08
57-076162	4x5	Pentium E2180	2.00	1MB	2	2GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod		Camera	Home Prem	May 08
57-076161	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod			Home Prem	May 08
57-076522	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod	L222	Camera	Home Prem	May 08

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel Celeron Dual-Core Processor E1200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or Intel Pentium® Dual-Core Processor E2140 or E2180 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 1MB L2 cache		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation	Processor in FC-LGA6 package in LGA775 socket		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x1 Ver 1.1 Slot 2: half-length,full-height, PCI Express x16 Ver 1.1 Slot 3: half-length,full-height, 32-bit PCI Ver 2.3 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * modem in slot in some models	
Memory	1GB, 2GB, 3GB, or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available			
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector			
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH			
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	One			
EIDE cables	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3.0Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions			
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)			
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter			
Security chip	None			
TV tuner	None			
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® Vista® Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 ✧ 57-076245: Vista Basic logo ✧ <i>Others:</i> Vista Premium logo				
Preloaded applications ⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW) • CyberLink Power2Go (DVD±RW)				
Available at these retailers • B&H™ • J&R™ • Newegg® • TigerDirect • ASI Computer Systems				
Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686				

Part number	Slot x bay	Processor	L2 cache	GHz	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
57-076523	4x5	Core 2 Duo E4600	2.40	2MB	2	3GB	16-in-1	500GB ²	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-082791	4x5	Core 2 Duo E7200	2.53	3MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Cam	Home Prem	Aug 08
57-076158	4x5	Core 2 Quad Q6600	2.40	8MB	4	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-076244	4x5	Core 2 Quad Q6600	2.40	8MB	4	3GB	16-in-1	500GB	Blu-ray	HD 2600 PRO	Mod	None	None	Home Prem	May 08
57-082788	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	DVD±RW	9300 GE	Mod	None	Cam	Home Prem	Aug 08

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- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel® Core™ 2 Duo Processor E4600 with dual-core Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo Processor E7200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q6600 with quad-core (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention		
Implementation	Processor in FC-LGA6 package in LGA775 socket		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk		
Memory	3GB or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available				
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector <i>Some:</i> ATI™ Radeon™ HD 2600 PRO , PCI Express x16, 256MB memory, DirectX® 10, ATI Avivo™, one D-sub connector and one DVI-D connector, HDCP-compliant <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant		Slot 1: half-length, full-height, PCI Express x1 Ver 1.1 Slot 2: half-length, full-height, PCI Express x16 Ver 1.1** Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 * Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * modem in slot ** used in some models		
SATA disk	500GB , SATA 3.0Gb/s, 7200 rpm				
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH				
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive				
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), supports HD-DVD playback, DVD and CD recordable				
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors				
EIDE controller	One				
EIDE cables	None				
Diskette drive	None				
Media reader	16-in-1 media reader, internal USB 2.0				
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions				
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)				
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-D in some models)				
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)				
Audio	High Definition (HD) audio, ALC662 codec				
External speakers	None				
Internal speaker	None				
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)				
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter				
Security chip	None				
TV tuner	None				
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus				
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)				
Mouse	Optical Wheel Mouse (USB connector), 400 dpi				
Power supply	280 watts, universal, manual switch				
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 32 ◇ Vista Premium logo		Preloaded applications⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		Available at these retailers • B&H™ • J&R™ • MICROCENTER® • Newegg® • TigerDirect	
		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686			

See footnotes for important warranty information

US models announced July 15, 2008; previous models on May 12, 2008

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(KW1-2) July 2008

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ³	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
5313-3AU	4x5	Celeron E1200	1.60	512KB	2	1GB		160GB ²	DVD	GMA 3100		None		Home Basic	Jul 08
5313-3BU	4x5	Celeron E1200	1.60	512KB	2	1GB	16-in-1	250GB	DVD±RW	GMA 3100	Mod	None		Home Prem	Jul 08
5313-4AU	4x5	Pentium E2180	2.00	1MB	2	2GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod	None	Camera	Home Prem	Jul 08
5313-4BU	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-4DU	4x5	Pentium E2200	2.20	1MB	2	2GB		250GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4EU	4x5	Pentium E2200	2.20	1MB	2	3GB		320GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4CU	4x5	Pentium E2200	2.20	1MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-5CU	4x5	Pentium E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	GMA 3100		None		Home Prem	Nov 08

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- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel Celeron Dual-Core Processor E1200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or Intel Pentium® Dual-Core Processor E2180, E2200, or E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2180/E2200:</i> 1MB L2 cache; <i>E5200:</i> 2MB L2 cache Processor in FC-LGA6 package in LGA775 socket	Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation		
Memory	1GB, 2GB, 3GB, or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x1 Ver 1.1 Slot 2: half-length,full-height, PCI Express x16 Ver 1.1 Slot 3: half-length,full-height, 32-bit PCI Ver 2.3 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * modem in slot in some models
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector	
SATA disk	160GB, 250GB, 320GB, 500GB, or 640GB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH	
SATA DVD	<i>Some:</i> DVD-ROM DL SATA 1.5Gb/s 16X-48X Max ⁴	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	One	
EIDE cables	None	
Diskette drive	None	
Media reader	<i>Some:</i> 16-in-1 media reader, internal USB 2.0	
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express [®] x1, PCI 2.3, USB, LPC bus / Winbond [®] W83627DHG Super I/O for serial, parallel, keyboard, mouse functions	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) audio, ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)	
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter	
Security chip	None	
TV tuner	None	
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus	
Keyboard	104-key antibacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows[®] Vista[®] Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 ✧ <i>5313-3AU/3BU:</i> Vista Basic logo ✧ <i>Others:</i> Vista Premium logo Preloaded applications⁵ • Lenovo[®] OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro[™] PC-cillin[™] Internet Security 2007 • EarthLink[®] • Windows Live[™] Toolbar • Microsoft[®] Office 2007 Trial (60-day) • VeriFace[™] • Corel[®] WinDVD[®] (DVD, DVD±RW) • CyberLink Power2Go (DVD, DVD±RW)		Available at these retailers • lenovo.com • Fry's Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day⁷ (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686



	Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
E8500	5313-1FU	4x5	Core 2 Duo E7200	2.53	3MB	2	4GB	16-in-1	640GB ²	DVD±RW	GMA 3100	None	None	Cam	Home Prem	Oct 08
	5313-2BU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	DVD±RW	GMA 3100	None	None		Home Prem	Jul 08
	5313-2CU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	Blu-ray	9300 GE	None	None		Home Prem	Jul 08
E8500	5313-2FU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	1TB	Blu-ray	9300 GE	None	None		Home Prem	Oct 08

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- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel® Core 2 Duo™ Processor E7200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q6600 with quad-core (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache	Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation	Processor in FC-LGA6 package in LGA775 socket	
Memory	4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x1 Ver 1.1 Slot 2: half-length,full-height, PCI Express x16 Ver 1.1** Slot 3: half-length,full-height, 32-bit PCI Ver 2.3 Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 ** used in some models
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant	
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, supports HD-DVD playback, DVD and CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	One	
EIDE cables	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-I in some models)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) audio, ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)	
Modem	None	
Security chip	None	
TV tuner	None	
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus	
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 32 ♦ Vista Premium logo		
Preloaded applications ⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		
		Available at these retailers • lenovo.com • Fry's
		Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

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US models announced October 22, 2008; previous models on July 15, 2008

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Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
57092255	4x5	E5200	2.50	2MB	2	4GB	16-in-1	500GB ²	Blu-ray	GMA 4500			None	Prem 64	Basic	Jan 09
57094704	4x5	E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	GMA 4500	L222 HD	Camera	None	Prem 64	Basic	Jan 09
57092262	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	1TB	Blu-ray	GMA 4500			11b/g	Prem 64	Basic	Mar 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Dual-Core Processor E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket										Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention						
Implementation											Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk						
Memory	4GB std , 4GB max ⁸ , PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available										Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * Wireless adapter in slot in some models						
Graphics	Intel Graphics Media Accelerator 4500 (GMA 4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector																
SATA disk	500GB , 640GB , or 1TB SATA 3Gb/s, 7200 rpm Serial ATA, SATA 3.0Gb/s, integrated in ICH10 <i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable																
SATA controller	Two SATA cables (each 1-drop to device), four SATA connectors																
SATA DVD±RW	None																
SATA Blu-ray™	None																
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors																
EIDE controller	None																
Diskette drive	None																
Media reader	16-in-1 media reader, internal USB 2.0																
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O										Lenovo L222 Wide (HD) • Widescreen 22-inch flat panel monitor • Active Matrix TFT LCD screen • Supports WUXGA 1920x1200 resolution • High Definition (HD) ready; supports 1080p video • 16:10 aspect ratio • 22.0" (559mm) viewable image size (diagonal) • 300 nits brightness (typical) • 1000:1 contrast ratio (typical) • 5ms pixel response time • Dual video input: one analog D-sub connector and one digital DVI-D connector • HDCP-compliant • Ergonomic stand tilts and swivels • High-gloss black case • Touch-sensitive control button • Soundbar with speakers included						
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)																
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)																
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)																
Audio	High Definition (HD) audio, ALC662 codec																
External speakers	None																
Internal speaker	None																
Ethernet	10/100 ethernet on planar, RealTek® RTL8102E																
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter																
Modem	None																
Security chip	None																
TV tuner	None																
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus																
Keyboard	104-key antibacterial keyboard (PS/2 connector)																
Mouse	Optical Wheel Mouse (USB connector), 400 dpi																
Power supply	280 watts, universal, manual switch																
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64							Preloaded applications⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)							Available at these retailers • Newegg® • TigerDirect			
														Limited Warranty¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686			

See footnotes for important warranty information

US model announced March 17, 2009; previous models on January 27, 2009

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(KW2-1) March 2009

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
5358-4AU	4x5	E2220	2.40	1MB	2	2GB	16-in-1	250GB ²	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-4BU	4x5	E2220	2.40	1MB	2	4GB	16-in-1	640GB	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1FU	4x5	E5200	2.50	2MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1BU	4x5	E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09
5358-2CU	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	640GB	DVD±RW	9300 GE	None	None		Prem 64	Prem	Jan 09
5358-2DU	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	1TB	Blu-ray	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Dual-Core Processor E2220 or E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2220:</i> 1MB L2 cache; <i>E5200:</i> 2MB L2 cache or Intel Core™ 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation			Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * Wireless adapter in slot in some models ** used in some models	
Memory	2GB or 4GB std , 4GB max ⁸ , PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available			
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500 (GMA 4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant			
SATA disk	250GB, 500GB, 640GB or 1TB SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10			
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O		Available at these retailers • lenovo.com • Fry's Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), 1BU/2CU/2DU: monitor (VGA DB-15, DVI-I), S-Video out; <i>Others:</i> monitor (VGA DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter			
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E			
Modem	None			
Security chip	None			
TV tuner	None			
Camera	None			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64		Preloaded applications⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		

Part number	Slot x bay	Processor GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	Camera	Vista preload	Avail date
57093697	4x5	E2220	2.40	1MB	2	5GB	(2, 2, 1)	16-in-1 500GB ²	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57093706	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1 640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09
57093729	4x5	E7300	2.66	3MB	2	8GB	(2, 2, 2, 2)	16-in-1 1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57094418	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1 640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09
57093719	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1 1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo® Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E2220 or E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2220</i> : 1MB L2 cache; <i>E5200</i> : 2MB L2 cache or Intel Core 2 Duo™ Processor E7300 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket	Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 1.1 Slot 2: half-length, full-height, PCI Express x1 Ver 1.1 Slot 3: half-length, full-height, PCI Express x1 Ver 1.1 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3
Memory	5GB, 6GB, or 8GB std , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets	
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector	
SATA disk	500GB , 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH	
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out	
Audio	High Definition (HD) audio, ADI1988 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Intel 82256DC	
Wireless	None	
Modem	None	
Security chip	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ Vista Basic logo		
Preloaded applications⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW) • CyberLink Power2Go (DVD±RW)		
		Available at these retailers • TigerDirect
		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (43R8882) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information

US models announced March 17, 2009; previous models on February 24, 2009

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(KW3-1) March 2009

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-1BU	4x5	E2220	2.40	1MB	2	5GB	(2, 2, 1)	16-in-1	500GB ²	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2EU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2BU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-3EU	4x5	E7300	2.66	3MB	2	6GB	(2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100			11b/g	Prem 64	Jan 09
5359-3AU	4x5	E7400	2.80	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4CU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4DU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Jan 09
5359-4GU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Feb 09
5359-5AU	4x5	Q9400	2.66	6MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	Blu-ray	9300 GE	TV	Remote	11b/g	Prem 64	Jan 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E2220 or E5200 with dual-core , 800MHz system bus; <i>E2220</i> : 1MB L2 cache; <i>E5200</i> : 2MB L2 cache or Intel Core™ 2 Duo Processor E7300 or E7400 with dual-core 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 or Q9400 with quad-core (dual-core on dual-die), 1333MHz system bus; <i>Q8200</i> : 4MB L2 cache; <i>Q9400</i> : 6MB L2 cache Processor in FC-LGA6 package in LGA775 socket	Tower • Black color bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 ** Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * Wireless adapter or TV tuner in slot in some models ** used in some models
Memory	5GB, 6GB, or 8GB std. , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets	
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant	
SATA disk	500GB, 640GB, or 1TB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>4DU/5AU</i> : monitor (VGA DB-15, DVI-I), S-Video out; <i>Others</i> : monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out	
Audio	High Definition (HD) audio, ADI1988 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Intel 82256GC	
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter	
Modem	None	
Security chip	None	
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1	
Remote control	<i>Some:</i> Philips® Vista MCE remote control (40-button), IR receiver via USB	
Camera	None	
Keyboard	104-key antibacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ <i>5359-4DU/5AU</i>: Vista Premium logo ✧ <i>Others</i>: Vista Basic logo		Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)



Available at these retailers

- lenovo.com
- Fry's

Limited Warranty¹

- **1-year parts and labor**
- **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (43R8882)
- **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Available at these retailers

- lenovo.com
- Fry's

Limited Warranty¹

- ≈ **1-year parts and labor**
- ≈ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ≈ **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (43R8882)
- ≈ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

See footnotes for important warranty information

Ⓢ US model announced February 24, 2009; previous models on January 13, 2009

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Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-2HU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	500GB ²	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3NU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100			11b/g	Prem 64	Aug 09
5359-3JU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	500GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3LU	4x5	E7500	2.93	3MB	2	8GB	(2, 2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-4PU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	TV	Remote	11b/g	Prem 64	Aug 09
5359-4QU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Aug 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E5200 with dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black color bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention		
Implementation					
Memory	6GB or 8GB std , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets				
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 ** Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * Wireless adapter or TV tuner in slot in some models ** used in some models		
SATA disk	500GB, 640GB , or 1TB SATA 3Gb/s, 7200 rpm				
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH				
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive				
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors				
EIDE controller	None				
Diskette drive	None				
Media reader	16-in-1 media reader, internal USB 2.0				
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O				
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)				
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>4QU:</i> monitor (VGA DB-15, DVI-I), S-Video out; <i>Others:</i> monitor (VGA DB-15)				
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out				
Audio	High Definition (HD) audio, ADI1988 codec				
External speakers	None				
Internal speaker	None				
Ethernet	Gigabit ethernet on planar, Intel 82256GC				
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter				
Modem	None				
Security chip	None				
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1				
Remote control	<i>Some:</i> Philips® Vista MCE remote control (40-button), IR receiver via USB				
Camera	None				
Keyboard	104-key antibacterial keyboard (PS/2 connector)				
Mouse	Optical Wheel Mouse (USB connector), 400 dpi				
Power supply	280 watts, universal, manual switch				
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ <i>5359-4QU:</i> Vista Premium logo ✧ <i>Others:</i> Vista Basic logo		Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW) • CyberLink Power2Go (DVD±RW)			
				Limited Warranty ¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (43R8882) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	



Limited Warranty¹

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (43R8882)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US models announced August 19, 2009

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 (KW3-3) August 2009



Lenovo IdeaCentre K300



Lenovo IdeaCentre K300



Lenovo IdeaCentre K300
(monitor not included)



Lenovo IdeaCentre K300
Power control switch



Lenovo IdeaCentre K300
toolless disk drive removal



Lenovo IdeaCentre K300
top button

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
5316-1AU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB ²	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1BU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	HD4350	TV	Remote	11b/g ¹¹	Prem 64	Oct 09
5316-1GU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	Blu-ray	HD4650				Prem 64	Oct 09
5316-1CU	4x5	Q8300	2.50	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650			11b/g	Prem 64	Oct 09
5316-2AU	4x5	E5300	2.60	2MB	2	3GB	(1, 2)	16-in-1	320GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-2CU	4x5	E7500	2.93	3MB	2	4GB	(2, 2)	16-in-1	640GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1EU	4x5	Q8300	2.50	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650	TV	Remote		Prem 64	Oct 09

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor E5300 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo™ Processor E7500 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8300 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation			Bay ① 5.25", 1.6" high, access, standard optical	
Memory	3GB, 4GB, 6GB, or 8GB std , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets		Bay ② 5.25", 1.6" high, access, open	
Graphics	<i>Some:</i> Intel Graphics Media Accelerator X4500 (GMA X4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector		Bay ③ 3.0", 1" high, access, 16-in-1 media reader	
	<i>Some:</i> ATI™ Radeon™ HD 4350 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD, VGA, DVI-I, HDCP-compliant		Bay ④ 3.5", 1" high, no access, standard disk	
	<i>Some:</i> ATI™ Radeon™ HD 4650 , PCI Express® x16, 1GB memory, DirectX® 10, ATI Avivo™ HD, VGA, HDMI, DisplayPort, HDCP-compliant		Bay ⑤ 3.5", 1" high, no access, optional disk	
			Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 **	
		Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 *		
		Slot 3: half-length,full-height, PCI Express x1 Ver 2.0		
		Slot 4: half-length,full-height, 32-bit PCI Ver 2.3		
		* Wireless adapter in slot in some models		
		** Graphics adapter in slot in some models		
SATA disk	320GB, 640GB, or 1TB SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10R, RAID 0 support			
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors			
EIDE controller	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 RAID [ICH10R] (SATA 3.0Gb/s with RAID 0 support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O			
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>HD 4650 models:</i> monitor (VGA DB-15, HDMI, DisplayPort) <i>HD 4350 models:</i> monitor (VGA DB-15, DVI-I) <i>Others:</i> monitor (VGA DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter			
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E			
Modem	None			
Security chip	None			
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal „PCIe x 1			
Remote control	<i>Some:</i> Philips® Win7 MCE remote control (40-button), IR receiver via USB			
Camera	None			
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black			
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - Genuine Windows® 7 - Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee VirusScan® Plus (30 days of virus definitions) • Lenovo Power Dial • Lenovo Healthcare Software • Corel® WinDVD® (Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)				

See footnotes for important warranty information
 US models announced October 22, 2009

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 (TNA1-1) October 2009

Type-model	Slot x bay	Processor	GHz	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Integrated graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
0890-1BU	4x5	Athlon II X2 215	2.70	4GB	(2, 2)	16-in-1	320GB ²	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10
0890-1AU	4x5	Phenom II X4 810	2.60	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	AMD® Athlon™ II X2 Processor 215 with dual-core , 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 technology, integrated DDR3 memory controller, and 1MB L2 cache (512KB per core) AMD Phenom™ II X4 Processor 810 with quad-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 technology, integrated DDR3 memory controller, 2MB L2 cache (512KB per core), and 4MB shared L3 cache Processor in Socket AM3	Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention <table><tr><td>Bay ①</td><td>5.25"</td><td>1.6" high,</td><td>access,</td><td>standard optical</td></tr><tr><td>Bay ②</td><td>5.25"</td><td>1.6" high,</td><td>access,</td><td>open</td></tr><tr><td>Bay ③</td><td>3.0"</td><td>1" high,</td><td>access,</td><td>16-in-1 media reader</td></tr><tr><td>Bay ④</td><td>3.5"</td><td>1" high,</td><td>no access,</td><td>standard disk</td></tr><tr><td>Bay ⑤</td><td>3.5"</td><td>1" high,</td><td>no access,</td><td>optional disk</td></tr></table> Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3	Bay ①	5.25"	1.6" high,	access,	standard optical	Bay ②	5.25"	1.6" high,	access,	open	Bay ③	3.0"	1" high,	access,	16-in-1 media reader	Bay ④	3.5"	1" high,	no access,	standard disk	Bay ⑤	3.5"	1" high,	no access,	optional disk
Bay ①	5.25"		1.6" high,	access,	standard optical																						
Bay ②	5.25"		1.6" high,	access,	open																						
Bay ③	3.0"		1" high,	access,	16-in-1 media reader																						
Bay ④	3.5"		1" high,	no access,	standard disk																						
Bay ⑤	3.5"	1" high,	no access,	optional disk																							
Implementation																											
Memory	4GB or 6GB std , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets																										
Graphics	ATI™ Radeon™ 3000 , integrated graphics in 760G, uses main memory, DirectX® 10, ATI Avivo™, SurroundView™, one analog VGA DB-15 connector																										
SATA disk	320GB or 640GB SATA 3Gb/s, 7200 rpm																										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in SB710, RAID 0 support																										
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive																										
SATA Blu-ray™	None																										
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors																										
EIDE controller	None																										
Diskette drive	None																										
Media reader	16-in-1 media reader, internal USB 2.0																										
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express® 2.0 support; SB710 south bridge																										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)																										
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)																										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)																										
Audio	High Definition (HD) audio, ALC662 codec																										
External speakers	None																										
Internal speaker	None																										
Wireless	None																										
Ethernet	10/100 ethernet on planar, Marvell® 88E8040																										
Modem	None																										
Security chip	None																										
TV tuner	None																										
Remote control	None																										
Camera	None																										
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black																										
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black																										
Power supply	280 watts, universal, manual switch																										
Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (30 days of virus definitions) • Lenovo Power Dial • Lenovo Healthcare Software • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day) • Roxio® BackOnTrack™ • CyberLink Power2Go (DVD±RW)																											
		Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1550) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) • 1-year Post warranty, Onsite Repair 9x5 Next Business Day (78Y1557) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686																									

See footnotes for important warranty information
 US models announced March 24, 2010

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 (TNA1-2) March 2010

Type-model	Slot x bay	Pro-processor	GHz	Max turbo (GHz)	L2 cache	Cores	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
3019-1AU	4x5	i3-530	2.93	3.20	4MB	2	2GBx3	640GB ²	DVD±RW	Intel HD	TV	Remote	11b/g ¹¹	Prem 64	Jan 10
3019-1BU	4x5	i5-750	2.66	3.46	8MB	4	2GBx3	640GB	DVD±RW	GeForce 310	TV	Remote	11b/g	Prem 64	Jan 10
3019-1CU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	Blu-ray	HD4650	TV	Remote	11b/g	Prem 64	Jan 10
3019-1LU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	DVD±RW	GeForce GT 320			11b/g/n ²⁸	Prem 64	Sep 10
3019-2GU	4x5	i3-550	3.20		4MB	2	2GBx3	1TB	DVD±RW	Intel HD				Prem 64	Sep 10

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo) [except 3019-2GU]**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i3 Processor i3-530 or i3-550 with dual-core , Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, 4MB cache or Intel Core i5 Processor i5-750 with quad-core , Intel 64, Turbo Boost Technology (up to 3.20 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache or Intel Core i7 Processor i7-860 with quad-core , Intel 64, Hyper-Threading Technology, Turbo Boost Technology (up to 3.46 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache Processor in LGA1156 socket		Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation	Processor in LGA1156 socket		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk	
Memory	6GB or 8GB std. , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets		Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models	
Graphics	<i>Some:</i> Intel HD Graphics , integrated graphics in processor, uses main memory, DirectX [®] 10, one 15-pin analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> NVIDIA® GeForce® 310 , PCI Express [®] x16, 512MB , DirectX 10.1, NVIDIA PureVideo [®] , NVIDIA CUDA [™] , one analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> NVIDIA GeForce GT 320 , PCI Express x16, 1GB memory, DirectX 10.1, NVIDIA PureVideo, NVIDIA CUDA, one analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> ATI™ Radeon™ HD 4650 , PCI Express x16, 1GB memory, DirectX 10.1, ATI Avivo [™] HD, one analog VGA DB-15 connector, one HDMI connector, one DisplayPort [™] connector, HDCP			
SATA disk	640GB or 1TB , SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset, RAID 0 support			
SATA optical	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> Blu-ray [™] Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors			
EIDE controller	None		3019-2GU does not have power control switch	
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel H57 Express Chipset			
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)			
Rear ports	Six USB 2.0, keyboard (PS/2), ethernet (RJ-45), <i>HD4650 models:</i> VGA DB-15, HDMI, and DisplayPort <i>Others:</i> VGA DB-15 and HDMI		Limited Warranty¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ➤ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1550) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), S/PDIF-out			
Audio	High Definition (HD) audio, ALC888S codec			
External speakers	None			
Internal speaker	None			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter <i>Some:</i> 11b/g/n wireless ⁴ , Atheros [®] chip, PCIe x1 adapter			
Ethernet	Gigabit ethernet on planar, Intel 82578DC			
Modem	None			
Security chip	None			
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, PCIe x 1			
Remote control	<i>Some:</i> Philips [®] Win7 MCE remote control (40-button), IR receiver via USB			
Camera	None			
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black			
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black			
Power supply	280 watts, universal, manual switch			
Preloaded operating system²⁰ - Genuine Windows[®] 7 Home Premium 64 Preloaded applications⁵ (only some listed) • Lenovo[®] OneKey Recovery • Driver and Application Installation • McAfee[®] VirusScan[®] Plus (60 days of virus definitions) • Lenovo Power Dial[*] • Corel[®] WinDVD[®] (Blu-ray) • CyberLink Power2Go[*] (DVD±RW, Blu-ray) * 3019-2GU does not have those softwares				

See footnotes for important warranty information

US models announced September 8, 2010, previous models on February 3, 2010

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Type-model	Slot x bay	Pro-processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
3019-1DU	4x5	i3-530	2.93	4MB	2	4GB	(2, 2)	16-in-1	500GB ²	DVD±RW	Intel HD GF 310	None	None	None	Prem 64	Apr 10
3019-1EU	4x5	i5-750	2.66	8MB	4	4GB	(2, 2)	16-in-1	640GB	DVD±RW	GF 310	None	None	None	Prem 64	Apr 10

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i3 Processor i3-530 with dual-core , Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, 4MB cache or Intel Core i5 Processor i5-750 with quad-core , Intel 64, Turbo Boost Technology (up to 3.20 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache	Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation	Processor in LGA1156 socket	
Memory	4GB std , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets	
Graphics	<i>Some:</i> Intel HD Graphics , integrated graphics in processor, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> NVIDIA® GeForce® 310 , PCI Express® x16, 512MB , DirectX 10.1, NVIDIA PureVideo®, NVIDIA CUDA™, one analog VGA DB-15 connector, one HDMI connector, HDCP	
SATA disk	500GB or 640GB , SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset, RAID 0 support	
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel H57 Express Chipset	
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Six USB 2.0, keyboard (PS/2), ethernet (RJ-45), monitor (VGA DB-15, HDMI)	
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), S/PDIF-out	
Audio	High Definition (HD) audio, ALC888S codec	
External speakers	None	
Internal speaker	None	
Wireless	None	
Ethernet	Gigabit ethernet on planar, Intel 82578DC	
Modem	None	
Security chip	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • Lenovo Healthcare Software • CyberLink Power2Go (DVD±RW)		Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (45K2147) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (45J9079) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686



ideacentre



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



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Lenovo IdeaCentre A300



Lenovo IdeaCentre A300
Wireless keyboard and mouse

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1DU	T4400	2.20	3GB	21.5" WUXGA	0.3M	GMA 4500MHD	320GB ⁸	None	11b/g/n ²⁸		None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1EU	T6600	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4400 with dual-core , 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core , 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Media Show • Lenovo CamSuite • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day)
Memory	3GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
External DVD±RW	None	
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone	
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)	
Graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10	
Chipset	Mobile Intel GM45 Express Chipset , ICH9M I/O Controller Hub	
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out <i>Side:</i> Two USB 2.0	
PCIe Mini Card	Two PCIe Mini Card slots	120-watt AC adapter RoHS-compliant Limited Warranty ¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ➤ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm) Power-on password, supervisor password, security lockhole	
Security		
Keyboard	Wireless keyboard via Bluetooth®, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white	
Remote control	None	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm <i>Screen depth:</i> 0.73"; 18.5mm	
Weight ²	22.9 lb (10.4 kg)	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information
US models announced March 11, 2010

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Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1MU	T4400	2.20	2GB	21.5" WUXGA	0.3M	GMA 4500MHD	320GB ⁸	None	11b/g/n ²⁸	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1NU	T4400	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1OU	T6600	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4400 with dual-core , 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core , 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Media Show • Lenovo CamSuite • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day)
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available	
External DVD±RW	None	
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone	
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)	
Graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10	
Chipset	Mobile Intel GM45 Express Chipset , ICH9M I/O Controller Hub	
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out <i>Side:</i> Two USB 2.0	
PCIe Mini Card	Two PCIe Mini Card slots	120-watt AC adapter RoHS-compliant
11b/g/n ²⁸	<i>Some:</i> 11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)	
Security	Power-on password, supervisor password, security lockhole	
Keyboard	Wireless keyboard via Bluetooth®, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white	
Remote control	None	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm <i>Screen depth:</i> 0.73"; 18.5mm	Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇨ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Weight ²	22.9 lb (10.4 kg)	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information
US models announced February 5, 2010

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Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega-pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-2DU	P6100	2.00	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸			BT/BT	Prem 64	Aug 10
4073-2EU	i3-370M	2.40	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Pentium® processor P6100 with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 3MB cache or Intel® Core™ i3 processor i3-370M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache										Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • CyberLink YouCam • Windows Live™ Essential • Microsoft Office 2010 preloaded; purchase product key to activate • CyberLink Power2Go (DVD±RW)					
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets															
External DVD±RW SATA disk	USB 2.0 external DVD burner, tray-in 320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm															
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone Touch-sensitive buttons for Menu/OK button and Direction buttons															
Graphics	Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant															
Chipset	Mobile Intel HM55 Express Chipset															
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)															
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out <i>Side:</i> Two USB 2.0															
PCIe Mini Card 11b/g/n ²⁸	Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® BCM43225 <i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card										120-watt AC adapter RoHS-compliant					
TV tuner	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator															
Bluetooth®	None															
Modem	Gigabit ethernet on planar, Realtek® RTL8111DL															
Ethernet	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)															
Audio support	Power-on password, supervisor password, security lockhole															
Security	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white															
Keyboard	Wireless laser mouse via Bluetooth, white															
Mouse	<i>Some:</i> MCE remote control, via IR															
Remote control																
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm <i>Screen depth:</i> 0.73"; 18.5mm															
Weight ²	15.9 lb (7.2 kg), weight may vary by configuration															
Chassis	White color, ABS plastic															
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°															

See footnotes for important warranty information
US models announced August 25, 2010

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- Limited Warranty¹**
- ⇒ **1-year parts and labor**
 - ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)**
 - ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
 - ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

Type-model	Proc- essor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-1GU	i3-350M	2.26		2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	Remote	BT/BT	Prem 64	Aug 10
4073-1HU	i5-450M	2.40	2.66	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3 processor i3-350M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-450M with dual-core , DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • CyberLink YouCam • Windows Live™ Essential • Microsoft Office 2010 preloaded; purchase product key to activate • CyberLink Power2Go (DVD±RW)
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
External DVD±RW SATA disk	USB 2.0 external DVD burner, tray-in 320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone Touch-sensitive buttons for Menu/OK button and Direction buttons	
Graphics	Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant	
Chipset	Mobile Intel HM55 Express Chipset	
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out <i>Side:</i> Two USB 2.0	
PCIe Mini Card 11b/g/n ²⁸	Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® BCM43225	120-watt AC adapter RoHS-compliant
TV tuner	Hybrid tuner, support analog and digital signal, PCIe Mini Card	Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Bluetooth®	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)	
Security	Power-on password, supervisor password, security lockhole	
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, white	
Remote control	MCE remote control, via IR	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm <i>Screen depth:</i> 0.73"; 18.5mm	
Weight ²	15.9 lb (7.2 kg), weight may vary by configuration	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information
 US models announced August 25, 2010

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Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)



Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600

Type-model	Processor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Microphone	Bluetooth	KBD/Mouse	Vista preload	Availability
3011-2AU	T4200	2.00	2GB	21.5" WUXGA	1.3	GMA	320GB ⁸	DVD±RW	11b/g ²⁸					USB	Prem 64	Apr 09
3011-2BU	T4200	2.00	3GB	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	Intel 5100					USB	Prem 64	Apr 09
3011-2CU	T4200	2.00	4GB	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	Intel 5100					USB	Prem 64	Apr 09
3011-3AU	T6400	2.00	3GB	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	* Intel 5100					USB	Prem 64	Apr 09
3011-3CU	T6400	2.00	4GB	21.5" WUXGA	2.0	HD 3650	1TB	DVD±RW	* Intel 5100	TV	Remote	Array	Blue	Wireless	Prem 64	Apr 09
3011-4AU	P7450	2.13	4GB	21.5" WUXGA	2.0	HD 3650	1TB	BD player	* Intel 5100			Array	Blue	USB	Prem 64	Apr 09
3011-4BU	P7450	2.13	4GB	21.5" WUXGA	2.0	HD 3650	1TB	BD player	* Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09
3011-3DU	T6400	2.00	3GB	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	* Intel 5100			Mono		Wireless	Prem 32	Apr 09
3011-3HU	T6400	2.00	4GB	21.5" WUXGA	2.0	HD 3650	640GB	DVD±RW	* Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse**
- **Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Theater™ premium audio system with two speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7450 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache										Preloaded operating system²⁰ - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ♦ Vista Premium logo					
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available <i>Non-italics:</i> standard memory in one socket; one socket available										Preloaded applications¹⁴ • Lenovo® OneKey Recovery • Driver and Application Installation • Lenovo Recovery Disk Maker • Lenovo Healthcare Software • VeriFace™ • Media Show • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)					
SATA DVD±RW	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in															
SATA Blu-ray™	Some: Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	320GB, 500GB, 640GB, or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm															
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera	Some: camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone Some: camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone															
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject															
Graphics	Some: Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 Some: ATI™ Mobility Radeon™ HD 3650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)															
Ports	Rear: Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; Left: Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Two Mini PCI Express slots															
Intel 5100 ²⁸	Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel Wi-Fi Link 5100, 1x2 (Shirley Peak)															
11b/g ²⁸	Some: 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312															
TV tuner	Some: AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter															
Bluetooth™	Some: Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator															
Modem	None															
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password															
Keyboard	Some: Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys Some: USB full-size keyboard with USB hub (two USB ports)															
Mouse	Some: Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) Some: USB Optical Wheel Mouse															
Remote control	Some: Vista MCE remote control (40-button), via IR Some: 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)															
Dimensions ³	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm															
Weight ²	27.7 lb (12.6 kg)															
Chassis	Black color, ABS plastic															
Stand	Tilt stand (15° back, 5° forward)															

See footnotes for important warranty information

US models announced April 22, 2009;
previous models on April 07, 2009

* Intel Centrino® processor technology
† Intel Centrino 2 processor technology

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(BL1-1) April 2009

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro- phone	Blue- tooth	KBD/ Mouse	Vista preload	Avail date
3011-3LU	T6500	2.10	4GB	21.5" WUXGA	1.3	GMA	640GB ⁸	DVD±RW	* Intel 5100 ²⁸					USB	Prem 64	Sep 09
3011-3RU	T6500	2.10	4GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	* Intel 5100	TV	Remote	Array	Blue	USB	Prem 64	Sep 09
3011-3UU	T6500	2.10	4GB	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW	* Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09
3011-4EU	P7350	2.00	4GB	21.5" WUXGA	2.0	HD 4650	1TB	BD player	† Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse**
- **Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Theater™ premium audio system with two speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Core™ 2 Duo processor T6500 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7350 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache										Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64 ◇ Vista Premium logo					
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available										Preloaded applications¹⁴ • Lenovo® OneKey Recovery • Driver and Application Installation • Lenovo Recovery Disk Maker • Lenovo Healthcare Software • VeriFace™ • Media Show • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)					
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in															
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm															
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone															
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject															
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 <i>Some:</i> ATI™ Mobility Radeon™ HD 4650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)															
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Two Mini PCI Express slots															
Intel 5100 ²⁸	11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)															
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter															
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator															
Modem	None															
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password															
Keyboard	<i>Some:</i> Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys <i>Some:</i> USB full-size keyboard with USB hub (two USB ports)															
Mouse	<i>Some:</i> Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) <i>Some:</i> USB Optical Wheel Mouse															
Remote control	<i>Some:</i> Vista MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)															
Dimensions ³	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm															
Weight ²	27.7 lb (12.6 kg)															
Chassis	Black color, ABS plastic															
Stand	Tilt stand (15° back, 5° forward)															

See footnotes for important warranty information
US models announced September 10, 2009

* Intel Centrino® processor technology
† Intel Centrino 2 processor technology

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Available at these retailers
• lenovo.com

Some: 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant

Limited Warranty¹²
⇒ **1-year parts and labor**
⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
⇒ **Service upgrade options (in eligible locations):⁹**
• **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro- phone	Blue- tooth	KBD/ Mouse	Win7 preload	Avail date
3011-6CU	T4300	2.10	2GB	21.5" WUXGA	1.3	GMA	320GB ⁸	DVD±RW	Intel 5100 ²⁸				Mono	USB	Prem 64	Oct 09
3011-6DU	T4300	2.10	4GB	21.5" WUXGA	2.0	HD 4650	320GB	DVD±RW	11b/g	TV			Array	Blue USB	Prem 64	Oct 09
3011-CGU	T6600	2.20	4GB	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW	* Intel 5100	TV 4-in-1	Array	Blue	Wireless	Prem 64	Oct 09	
3011-CJU	T6600	2.20	3GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	* Intel 5100	TV Remote	Array	Blue	USB	Prem 64	Oct 09	
3011-CKU	T6600	2.20	4GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	* Intel 5100	TV Remote	Array	Blue	Wireless	Prem 64	Oct 09	
3011-4LU	P7550	2.26	4GB	21.5" WUXGA	2.0	HD 4650	1TB	BD player	Intel 5100	TV 4-in-1	Array	Blue	Wireless	Prem 64	Oct 09	

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Seleted models) Integrated TV tuner**
- **(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse**
- **Dolby® Home Theater™ premium audio system with two speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4300 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7550 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Media Show • McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)					
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available															
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in															
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	320GB, 500GB, 640GB, or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm															
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone															
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject															
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 <i>Some:</i> ATI™ Mobility Radeon™ HD 4650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)															
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Two Mini PCI Express slots															
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)															
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312															
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter															
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator															
Modem	None															
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password															
Keyboard	<i>Some:</i> Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys <i>Some:</i> USB full-size keyboard with USB hub (two USB ports)															
Mouse	<i>Some:</i> Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) <i>Some:</i> USB Optical Wheel Mouse															
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games support), VOIP headset, MCE remote control, and air mouse															
Dimensions ³	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm															
Weight ²	27.7 lb (12.6 kg)															
Chassis	Black color, ABS plastic															
Stand	Tilt stand (15° back, 5° forward)															

See footnotes for important warranty information
US models announced October 23, 2009

* Intel Centrino® processor technology
✧ Intel Centrino 2 processor technology

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(BL1-3) October 2009

Some: 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant

Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre A700
with optional 3-in-1 mouse



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700
with optional 3-in-1 mouse



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win7 preload	Avail date
4024-3AU	i3-350M	2.26		4GB	23" FHD	Multi	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	IR remote	120W	BT/BT	Prem 64	Jun 10
4024-1AU	i7-720QM	1.60	2.80	4GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	TV	IR remote	150W	BT/BT	Prem 64	Jun 10
4024-4AU	i3-370M	2.40		4GB	23" FHD	Multi	Intel HD	320GB	DVD±RW	11b/g/n	TV	IR remote	150W	BT/BT	Prem 64	Aug 10
4024-4BU	i5-460M	2.53	2.80	4GB	23" FHD	Multi	HD 5470	500GB	DVD±RW	11b/g/n	TV	IR remote	150W	BT/BT	Prem 64	Aug 10
4024-4CU	i7-740QM	1.73	2.93	4GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	TV	IR remote	150W	BT/BT	Prem 64	Aug 10

- **All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support**
- **Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **JBL® stereo speakers**

Processor	Intel® Core™ i3 processor i3-350M or i3-370M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-460M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or Intel Core i7 processor i7-720QM or i7-740QM with quad-core , DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)
Memory	4GB std / 8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, slot-in 320GB, 500GB or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide	
Widescreen display	23" (584.2mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off	
Graphics	<i>Some:</i> Intel HD Graphics in processor, uses main memory; <i>Some:</i> ATI™ Mobility Radeon™ HD 5470, 512MB memory, DirectX® 11; <i>Some:</i> ATI Mobility Radeon HD 5650, 1GB memory, DirectX 11	
Chipset	Mobile Intel HM55 Express Chipset	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)	<i>Some:</i> 120-watt AC adapter <i>Some:</i> 150-watt AC adapter
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out <i>Side:</i> Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)	ENERGY® STAR 5.0-compliant RoHS-compliant
PCIe Mini Card	Two PCI Express Mini Card slots	Limited Warranty ¹²
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® chip or Atheros chip	➤ 1-year parts and labor
TV tuner	Hybrid tuner, support analog and digital signal, PCIe Mini Card	➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
Bluetooth™	Bluetooth 2.1 wireless + EDR	➤ Service upgrade options (in eligible locations): ⁹
Modem	None	• 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)
Ethernet	Gigabit ethernet on planar, Intel 82577LC	• 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL stereo speakers (5 watt x 2) Power-on password, administrator password	➤ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Security		
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	MCE remote control, via IR	
Dimensions ³	<i>(WxHxD):</i> 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm	
Weight ²	<i>Touch models:</i> 32.6 lb (14.8kg)	
Chassis	Black color; ABS plastic	
Stand	Adjustable stand (between 12° and 35°)	
Wall mount	Wall mount kit, meets VESA 100mm mount standard	

See footnotes for important warranty information

US models announced August 25, 2010; previous models on June 3, 2010

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Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win7 preload	Avail date
4024-3BU	i3-350M	2.26		4GB	23" FHD	Multi	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	TV IR remote	120W	BT/BT		Prem 64	Jun 10
4024-2BU	i5-430M	2.26	2.53	4GB	23" FHD	Multi	HD 5470	640GB	DVD±RW	11b/g/n	TV IR remote	150W	BT/BT		Prem 64	Jun 10
4024-1CU	i7-720QM	1.60	2.80	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	TV 4-in-1	150W	BT/BT		Prem 64	Jun 10
4024-4JU	i7-740QM	1.73	2.93	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	TV 4-in-1	150W	BT/BT		Prem 64	Oct 10

- **All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support**
- **Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote control, and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Core™ i3 processor i3-350M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-430M with dual-core, DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or Intel Core i7 processor i7-720QM or i7-740QM with quad-core, DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)					
Memory	4GB or 8GB std / 8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available															
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, slot-in															
SATA Blu-ray™	<i>Some:</i> Blu-ray disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide															
Widescreen display	23" (584.2mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off															
Camera																
Controls																
Graphics	<i>Some:</i> Intel HD Graphics in processor, uses main memory; <i>Some:</i> ATI™ Mobility Radeon™ HD 5470, 512MB memory, DirectX® 11; <i>Some:</i> ATI Mobility Radeon HD 5650, 1GB memory, DirectX 11															
Chipset	Mobile Intel HM55 Express Chipset															
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)															
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out <i>Side:</i> Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)										<i>Some:</i> 120-watt AC adapter <i>Some:</i> 150-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant					
PCIe Mini Card	Two PCI Express Mini Card slots															
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® chip or Atheros chip															
TV tuner	Hybrid tuner, support analog and digital signal, PCIe Mini Card															
Bluetooth™	Bluetooth 2.1 wireless + EDR															
Modem	None															
Ethernet	Gigabit ethernet on planar, Intel 82577LC															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL stereo speakers (5 watt x 2)															
Security	Power-on password, administrator password															
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black															
Mouse	Bluetooth Optical Wheel Mouse, black															
Remote control	<i>Some:</i> MCE remote control, via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse															
Dimensions ³	(WxHxD): 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm															
Weight ²	<i>Touch models:</i> 32.6 lb (14.8kg)															
Chassis	Black color; ABS plastic															
Stand	Adjustable stand (between 12° and 35°)															
Wall mount	Wall mount kit, meets VESA 100mm mount standard															

See footnotes for important warranty information

® US model announced October 22, 2010, previous models on April 07, 2009

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(CTLN1-2) October 2010

- Limited Warranty¹²**
- ⇒ **1-year parts and labor**
 - ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
 - ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
 - ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre B305
with optional bluetooth keyboard and mouse



Lenovo IdeaCentre B305
AV IN and TV IN on some models



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305
with optional PS/2 keyboard and USB mouse



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
4031-1FU	Athlon II X2 235e	2.70	4GB	21.5" FHD	Multi	3000	500GB ⁸	DVD±RW	11b/g/n ²⁸			PS2/USB	Prem 64	Jun 10
4031-3BU	Athlon II X2 235e	2.70	4GB	21.5" FHD	Multi	3000	1TB	DVD±RW	11b/g/n			BT/BT	Prem 64	Aug 10
4031-1GU	Athlon II X3 400e	2.20	4GB	21.5" FHD	Multi	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10
4031-1HU	Athlon II X4 600e	2.20	4GB	21.5" FHD	Multi	HD 5450	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support**
- **(Selected models) Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	AMD® Athlon™ II X2 Processor 235e with dual-core, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or AMD Athlon II X3 Processor 400e with triple-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or AMD Athlon II X4 Processor 600e with quad-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)
Memory	4GB std / 4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, tray-in	
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide	
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Controls Buttons for brightness up, brightness down, display on/off, and power on/off	
Graphics	<i>Some:</i> ATI™ Radeon™ 3000 , integrated graphics in 760G, uses main memory, DirectX® 10; <i>Some:</i> ATI Radeon HD 5450 , PCI Express® x16, 512MB memory, DirectX 11, ATI Avivo™ HD	
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)	<i>Integrated models:</i> 120-watt AC adapter <i>Discrete models:</i> 130-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant
PCIe Mini Card	Two PCI Express Mini Card slots	Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations) ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2)	
Security	Power-on password, administrator password	
Keyboard	<i>Some:</i> Bluetooth full-size keyboard, 6-row, 104-key, black <i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	<i>Some:</i> Bluetooth Optical Wheel Mouse, black <i>Some:</i> Optical Wheel Mouse (USB connector), black	
Remote control	<i>Some:</i> MCE remote control, via IR	
Dimensions ³	(WxHxD): 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm	
Weight ²	<i>Touch models:</i> 24.7 lb (11.2kg)	
Chassis	Black color; ABS plastic	
Stand	Adjustable stand (between 15° and 40°)	

See footnotes for important warranty information

²⁸ US model announced August 25, 2010; previous models on June 3, 2010

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 (BBDS1-1) August 2010

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
4031-1RU	Athlon II X2 235e	2.70	2GB	21.5" FHD	Multi	HD 5450	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	IR remote	PS2/USB	Prem 64	Jun 10
4031-1QU	Athlon II X3 400e	2.20	4GB	21.5" FHD	Multi	HD 5450	500GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10
4031-1PU	Athlon II X4 600e	2.20	4GB	21.5" FHD	Multi	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support**
- **(Selected models) Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	AMD® Athlon™ II X2 Processor 235e with dual-core , 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or AMD Athlon II X3 Processor 400e with triple-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or AMD Athlon II X4 Processor 600e with quad-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available	
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, tray-in	
SATA disk	320GB, 500GB, or 640GB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide	
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	Discrete models: 130-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant
Controls	Buttons for brightness up, brightness down, display on/off, and power on/off	
Graphics	ATI™ Radeon™ HD 5450 , PCI Express® x16, 512MB memory, DirectX® 11, ATI Avivo™ HD	
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
PCIe Mini Card	Two PCI Express Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	None	
Modem	None	
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2)	
Security	Power-on password, administrator password	
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Remote control	<i>Some:</i> MCE remote control, via IR	
Dimensions ³	(WxHxD): 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm	Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Weight ²	<i>Touch models:</i> 24.7 lb (11.2kg)	
Chassis	Black color; ABS plastic	
Stand	Adjustable stand (between 15° and 40°)	

See footnotes for important warranty information
 US models announced June 3, 2010

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Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre B500
Bluetooth keyboard and mouse on some models



Lenovo IdeaCentre B500
AV IN and TV IN on some models



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500

Type-model	Processor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
0887-1FU	E5400	2.70	2G	23" WUXGA	0.3M	GT 240M 1G	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2GU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2BU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	1TB	DVD±RW	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09
0887-3AU	Q8400S	2.66	4G	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Pentium® Processor E5400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8400S with quad-core, 1333MHz system bus, and 4MB L2 cache Processor in LGA775 socket										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Media Show • McAfee® VirusScan® Plus 2009 (30 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)			
Implementation	Processor in LGA775 socket													
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available													
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in													
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in													
SATA disk	320GB , 500GB , or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm													
Widescreen display	23.0" (584.2mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio													
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone													
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off													
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 240M , PCI Express® x16, 1GB memory; <i>Some:</i> NVIDIA GeForce GTS 250M , PCI Express x16, 1GB memory													
Chipset	Intel G41 Express Chipset ; I/O Controller Hub 7 (ICH7)													
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Mini PCI Express	Two Mini PCI Express slots										Available at lenovo.com			
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® BCM43225													
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter										RoHS-compliant			
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7													
Modem	None													
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL													
Audio support	High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt)													
Security	Power-on password, supervisor password													
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black													
Mouse	Bluetooth Optical Wheel Mouse, black													
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse													
Power supply	200 watts, universal, auto-sensing													
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm													
Weight ²	22.0 lb (10 kg)													
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics													
Stand	Adjustable stand (between 8° and 35°)													

See footnotes for important warranty information
 US models announced December 2, 2009

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 (MT1-1) December 2009

Limited Warranty¹²

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (43R8882)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

Type-model	Processor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
0887-1BU	E5400	2.70	4G	23" WUXGA	0.3M	G210M 512M	500GB ⁸	DVD±RW	11b/g/n ²⁸			PS2/USB	Prem 64	Dec 09
0887-1CU	E5400	2.70	4G	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n			BT/USB	Prem 64	Dec 09
0887-2CU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-3BU	Q8400S	2.66	4G	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Pentium® Processor E5400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8400S with quad-core, 1333MHz system bus, and 4MB L2 cache Processor in LGA775 socket										Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64			
Implementation											Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Media Show • McAfee® VirusScan® Plus 2009 (30 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)			
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available													
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in													
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in													
SATA disk	500GB , 640GB , or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm													
Widescreen display	23.0" (584.2mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio													
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone													
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off													
Graphics	<i>Some:</i> NVIDIA® GeForce® G210M , PCI Express® x16, 512MB memory; <i>Some:</i> NVIDIA GeForce GT 240M , PCI Express x16, 1GB memory; <i>Some:</i> NVIDIA GeForce GTS 250M , PCI Express x16, 1GB memory													
Chipset	Intel G41 Express Chipset ; I/O Controller Hub 7 (ICH7)													
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Mini PCI Express	Two Mini PCI Express slots													
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® BCM43225													
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter													
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7													
Modem	None													
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL													
Audio support	High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt)													
Security	Power-on password, supervisor password													
Keyboard	<i>Some:</i> Bluetooth full-size keyboard, 6-row, 104-key, black <i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black													
Mouse	<i>Some:</i> Bluetooth Optical Wheel Mouse, black <i>Some:</i> Optical Wheel Mouse (USB connector), 1000 dpi, black													
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse													
Power supply	200 watts, universal, auto-sensing													
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm													
Weight ²	22.0 lb (10 kg)													
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics													
Stand	Adjustable stand (between 8° and 35°)													

See footnotes for important warranty information
US models announced December 2, 2009

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RoHS-compliant
Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (43R8882) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

Type-model	Proc- essor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key- board/ Mouse	Win7 preload	Avail date
7712-1SU	i3-550	3.20		2Gx2	23" FHD	0.3M	HD5450 512MB	500GB ⁸	DVD±RW	11b/g/n ²⁸			BT/BT	Prem 64	Sep 10
7712-1TU	i5-650	3.20	3.46	2Gx3	23" FHD	0.3M	HD5570 1G	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10
7712-1UU	i7-870S	2.66	3.60	2Gx3	23" FHD	0.3M	HD5850 1G	2TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **JBL® stereo speakers**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3 processor i3-550 with dual-core, Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or Intel Core i5 processor i5-650 with dual-core, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or Intel Core i7 processor i7-870S with quad-core, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 8MB cache Processor in LGA1156 socket	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate
Implementation		
Memory	4GB or 6GB std / 16GB max ⁷ / DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
SATA optical	DVD burner, dual-layer support, 12.7mm, tray-in	
SATA disk	500GB , 1TB , or 2TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm	
Widescreen display	23.0" (584.2mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off	
Graphics	<i>Some:</i> ATI™ Radeon™ HD 5450 , PCI Express® x16, 512MB memory; <i>Some:</i> ATI Radeon HD 5570 , PCI Express x16, 1GB memory; <i>Some:</i> ATI Mobility Radeon HD 5850 , PCI Express x16, 1GB memory	
Chipset	Intel H55 Express Chipset	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), eSATA, TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)	RoHS-compliant
PCle Mini Card	Two PCIe Mini Card slots	Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros chip	
TV tuner	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card adapter	
Bluetooth™	Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	Gigabit ethernet on planar, Intel 82578DC	
Audio support	High Definition (HD) Audio, Realtek® ALC662 codec / two JBL® stereo speakers (5 watt)	
Security	Power-on password, supervisor password	
Keyboard	Bluetooth full-size keyboard, 6-row, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	<i>Some:</i> MCE remote control (40-button), via IR	
Power supply	200 watts, universal, auto-sensing	
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.76" to 5.53"; 560mm x 437mm x 95.5 to 140.5mm	
Weight ²	22.0 lb (10 kg)	
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics	
Stand	Adjustable stand (between 15° and 35°)	

See footnotes for important warranty information

US models announced September 8, 2010

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Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686**



Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150
(NVIDIA ION models)



Lenovo IdeaCentre Q150
(NVIDIA ION models)



Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150
with optional mini wireless keyboard N5901



Lenovo IdeaCentre Q150
with optional mini USB keyboard and mouse

IdeaCentre™ Q150 (4081) - NVIDIA® ION™ (Windows 7)

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-4AU	Atom D510	1.66	1MB	2GBx1	250GB ²	None	NVIDIA ION	None	None	11b/g/n ²⁸	Black	None	2.4GHz	Prem 32	Jul 10

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	Intel® Atom™ processor D510 with dual-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots
Memory	2GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	
Graphics	NVIDIA® ION™ graphics processor , DirectX® 10, 512MB memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 32
SATA disk	250GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	Preloaded applications¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • CyberLink PowerDVD (discrete models)
SATA DVD±RW Media reader	None	
Chipset	Intel NM10 Express Chipset	65-watt AC adapter RoHS-compliant
Front ports	Two USB 2.0, S/PDIF-out	
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI), line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	Limited Warranty¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver	
Mouse	None	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
 US model announced July 28, 2010

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 (NR2-2) July 2010

IdeaCentre™ Q150 (4081) - NVIDIA® ION™ (Windows 7) - web only models Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-6AU	Atom D510	1.66	1MB	2GBx1	500GB ²	None	NVIDIA ION	None	None	11b/g/n ²⁸	Black	None	USB/USB	Prem 32	Jul 10

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	Intel® Atom™ processor D510 with dual-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 32 Preloaded applications ¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) • CyberLink PowerDVD (discrete models) 65-watt AC adapter RoHS-compliant Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Memory	2GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	
Graphics	NVIDIA® ION™ graphics processor , DirectX® 10, 512MB memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant	
SATA disk	500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
SATA DVD±RW	None	
Media reader	None	
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 2.0, S/PDIF-out	
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Mini Keyboard (USB connector), black	
Mouse	Mini Optical Wheel Mouse (USB connector), black	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
US model announced July 28, 2010

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(NR2-4) July 2010



Lenovo IdeaCentre D400



Lenovo IdeaCentre D400



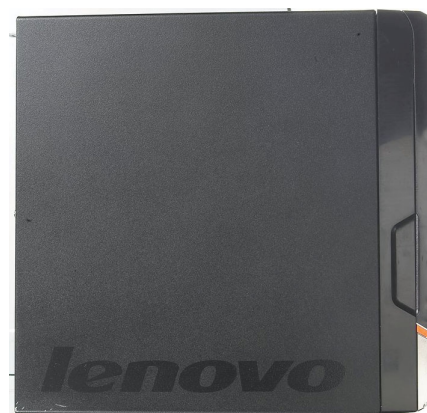
Lenovo IdeaCentre D400



Lenovo IdeaCentre D400 (rear view)



Lenovo IdeaCentre D400



Lenovo IdeaCentre D400 (left view)

Type-model	Processor	GHz	L2 cache	Memory ⁸	SATA disks	SATA optical	Graphics	eSATA	Ethernet	Color	Preload	Avail date
3013-1AU	Atom 230	1.60	512KB	1GB	1TB ² (1TB, 0, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1BU	Atom 230	1.60	512KB	1GB	2TB (1TB, 1TB, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1CU	Atom 230	1.60	512KB	1GB	1TB (1TB, 0, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1DU	Atom 230	1.60	512KB	1GB	2TB (1TB, 1TB, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09

- **A Digital home storage, smaller than a 9 inch cube and built to store/share music, movies, files and more.**
- **Easy plug-and-play set up and convenient remote access.**
- **Provides four 3.5 inch bays for hard disks, up to 8TB capacity.**
- **Easy USB file transfer, pressing one button to copy USB drive contents to the internal hard drives.**

Processor	Intel® Atom™ Processor 230 with single-core, Hyper-Threading technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache		Small Form Factor	
Implementation	Processor in Micro-FCBGA package in BGA437 socket		• Black color bezel • 7.9" W X 8.2" D X 8.3" H • 200mm W X 208.6mm D X 212mm H • 14.3 lb (6.5 kg) for maximum configuration	
Memory	1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 240-pin DIMM socket <i>Non-Italics</i> : standard memory in socket; no sockets available		Bay ① 3.5", 1" high, external, standard disk Bay ② 3.5", 1" high, external, optional disk* Bay ③ 3.5", 1" high, external, optional disk* Bay ④ 3.5", 1" high, external, optional disk* * Bay used in some models	
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) , integrated graphics in 945GC, uses main memory, no monitor ports, remote access via network		Slot 1: half-length, low-profile, PCI Express x4	
SATA disks	1TB or 2TB std , up to 8TB capacity, SATA 3Gb/s, 7200 rpm, Four hard disk bays, tool-less, support hot-swap*		Data protection features • Back up all your home digital devices automatically • Duplicate important data automatically, copy designated data to two internal hard drives for added safety (some models) • Inbuilt flash drive allows easy recovery and prevents data lost in the event of a system problem	
Disk bays	* Need to first remove disk in software via Windows Home Server Console			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7			
SATA DVD±RW	None			
SATA cables	Four SATA cables (each 1-drop to device), Four SATA connectors			
eSATA port	One external SATA (eSATA) port in rear		Available at these retailers • lenovo.com	
Diskette drive	None			
Media reader	None		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
Chipset	Intel 945GC Express Chipset , I/O Controller Hub 7 RAID [ICH7R] (SATA 3.0Gb/s, ethernet MAC, PCI 2.3, USB, LPC bus)			
Front ports	One USB 2.0 with USB copy button (Easy USB file transfer function)			
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45)			
Rear audio ports	None			
Audio	None			
External speakers	None			
Internal speaker	None			
Ethernet	Gigabit ethernet on planar, Marvell® 88E8071			
Modem	None			
Security chip	None			
Keyboard	None			
Mouse	None			
Power supply	200 watts, universal, auto autosensing			
Security	Security slot (in rear for optional Kensington® Microsaver® cable)			
Preloaded operating system²⁰ - Genuine Windows® Home Server			Client applications (Needs customer installation, Client software CD included) • Windows Home Server Connector Software • Lenovo Home Server EasyAccess utility	
Preloaded applications⁵ • LightsOut • iTunes Server • LED brightness control • One Key USB backup • IP address configuration • System Information				

See footnotes for important warranty information
 US models announced September 1, 2009

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**Partial list of accessories supported on:
IdeaCentre K210, K220, K230, K300, K305, K320, and Q700
IdeaCentre All-In-One A300, A600, A700, B305, and B500**

Storage and removable storage

USB 2.0 MyKey E10 Flash Drive 1GB	45J7701	ann	04/29/08
USB 2.0 MyKey E10 Flash Drive 2GB	45J7702	ann	04/29/08
USB 2.0 MyKey E10 Flash Drive 4GB	45J7703	ann	04/29/08
USB 2.0 MyKey C40 Flash Drive 2GB	57Y6288		
USB 2.0 MyKey C40 Flash Drive 4GB	57Y6289		
USB 2.0 MyKey C40 Flash Drive 8GB	57Y6290		
USB 2.0 MyKey C40 Flash Drive 16GB	57Y6287		
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann	11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann	11/18/08
USB 2.0 Portable 500GB Hard Disk	45K1690	ann	05/26/09
Lenovo DataSlim UHD E18 320GB	55Y9401		
Lenovo DataSlim UHD E18 500GB	55Y9402		
Lenovo Portable DVD Burner GP20N (black)	55Y9391		
Lenovo Portable DVD Burner GP20N (white)	55Y9392		

Keyboard

Preferred Pro USB Keyboard	73P5220	ann	06/21/05
Enhanced Performance USB Keyboard	73P2620	ann	03/23/04
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336		
Lenovo Keyboard and Mouse KM4802A (blk)	57Y6462		
Ultraslim Wireless Keyboard and Mouse ⁵²	57Y4700	ann	09/15/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Laser Mouse (USB)	41U3074	ann	01/23/07
Lenovo Mini Optical Mouse M30 (blue)	47J7738	ann	06/17/08
Mini Wireless Laser Mouse N10 (black)	45J7731	ann	06/17/08
Lenovo Optical Mouse A6010 (red)	57Y6483		
Lenovo Optical Mouse A6010 (black)	57Y6255		
Lenovo Mini Optical Mouse S10A (white)	55Y9356		
Lenovo Mini Optical Mouse S10A (black)	55Y9355		
Lenovo Mini Optical Mouse S10B (white)	55Y9358		
Lenovo Mini Optical Mouse S10B (black)	55Y9357		
Lenovo Mini Optical Mouse M20A	55Y2090		
Lenovo Mini Optical Mouse M20B	55Y2091		
Lenovo Mini Optical Mouse M30 (blue)	45J7738		
Bluetooth Laser Mouse N6901A (black)	57Y6464		
Bluetooth Laser Mice N6901A (glossy black)	57Y6482		
Lenovo Wireless Mouse N30B (black)	55Y9360		
Lenovo Mini Wireless Laser Mouse N10 (blk)	45J7731		

Multimedia

Lenovo Mini Speaker M220	55Y2033		
Lenovo Headphone P550	55Y2065		
Lenovo 7" LCD DPF P700 Black	55Y2059		
Lenovo 7" LCD DPF P710 Gold	55Y2048		

Monitors

Lenovo L2230x Wide 21.5" Monitor	5453HB1	ann	06/10/10
ThinkVision® L1711p 17" Monitor	5047HB2	ann	10/20/09
ThinkVision L1900p 19" Monitor	4431HE1	ann	11/11/08
ThinkVision L1951p Wide 19" Monitor	2448HB6	ann	10/20/09
ThinkVision L2250p Wide 22" Monitor	2572HB6	ann	10/20/09
ThinkVision L2251p Wide 22" Monitor	2572HD6	ann	10/20/09
ThinkVision L2251x Wide 22" Monitor	2578HB6	ann	10/20/09
ThinkVision L2321x Wide 23" Monitor	4014HB6	ann	06/10/10
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann	09/17/08

Monitor Accessories⁴⁶

ThinkVision USB Soundbar	40Y7616	ann	08/23/05
ThinkVision Soundbar	45K1263	ann	09/16/08
Kensington® MicroSaver® Cable Lock	73P2582	ann	12/29/03
Kensington Twin Head Cable Lock	45K1620	ann	09/30/08
Lenovo Security Cable Lock	57Y4303	ann	08/24/10
Lenovo Easy Reach Monitor Stand	55Y9258	ann	09/22/09

⁴⁶ Compatible on selected ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

Consumer monitors

Lenovo L195 Wide 19" LCD Monitor	4418HC1	ann	09/02/08
Lenovo L222 Wide 22" LCD Monitor	4432HF1	ann	09/02/08

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

- ¹ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ² **Hard disk drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- ³ **Customer Replacement Units (CRUs)** are designed to be replaced by customers during the applicable warranty period. Lenovo will send a technician onsite to perform a repair if remote telephone diagnosis does not isolate the problem, if customer replaceable parts are unable to resolve the problem, or at the request of the customer. For a list of customer replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges.
- ⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- ⁵ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.
- ⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

⁸ **Memory:** For PCs without a separate video card, memory supports both system and video. Accessible system memory is less than the amount stated, depending on video mode.

⁹ **Service upgrade options:** Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees.

¹⁰ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

¹⁴ **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.

²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

²⁸ **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.



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